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From: Georgann S. Grunebach
Reg. No. 33,179Fax: (310) 964-0941
Phone: (310) 964-4615

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Georgann S. Grunebach, Reg. No. 33,179
(Name of Applicant, Assignee or Registered Representative)

January 29, 2007

Date
(Date of Facsimile Transmission)

Re: Serial No. 10/519,322

Filed: December 23, 2004

Inventors: Ernest Chen et al.

For: IMPROVING HIERARCHICAL 8PSK PERFORMANCE

Attorney Docket No.: PD-202109

Transmitted herewith: INFORMATION DISCLOSURE STATEMENT (2 pages)

FORM PTO 1449 (1 page)

The DirectTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo CA 90245

Patent
PD-202109
Customer No. 020991

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Respectfully submitted,

By:


Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
CA/LA1/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

January 29, 2007

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Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known	
	Application Number	10/519,322
	Filing Date	December 23, 2004
	First Named Inventor	Ernest Chen
	Art Unit	2611
	Examiner Name	AHN, Sam K.
Date:	January 29, 2007	
Sheet 1 of 1	Attorney Docket Number	PD-202109

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2006/0013333	01-2006	Chen, Ernest C.	
		US-6,369,648	04-2002	Kirkman, George F.	
		US-6,477,398	11-2002	Mills, Randell L.	
		US-3,076,180	01-1963	Havens et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	
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